

Sanitary Facilities - Part 1.

Emmet County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
6: Okoboji-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone Seepage	1.00 0.50
27: Terril-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage	0.50
27B: Terril-----	95	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.33
27C: Terril-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Slope Seepage	0.91 0.50
28: Dickman-----	100	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
28B: Dickman-----	100	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.33
34: Estherville-----	100	Very limited Filtering capacity	1.00	Very limited Seepage	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
34C2: Estherville-----	100	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	1.00
55: Nicollet-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	0.92 0.50
				Slope	0.01
62C2: Storden-----	90	Not limited restricted permeability	0.25	Very limited Slope	1.00
				Seepage	0.50
62D2: Storden-----	90	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope	1.00
				Seepage	0.50
62D3: Storden-----	90	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope	1.00
				Seepage	0.50
62E: Storden-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope	1.00
				Seepage	0.50
62E2: Storden-----	85	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope	1.00
				Seepage	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
62F: Storden-----	90	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
62G: Storden-----	90	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
72: Estherville-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
72B: Estherville-----	95	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.33
73B: Salida-----	100	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.33
73C2: Salida-----	100	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 1.00
73D2: Salida-----	100	Very limited Filtering capacity Slope	1.00 0.63	Very limited Slope Seepage	1.00 1.00
73G: Salida-----	95	Very limited Filtering capacity Slope	1.00 1.00	Very limited Slope Seepage	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
90: Okoboji-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone	1.00
95: Harps-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.01
107: Webster-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
108: Wadena-----	95	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage	1.00
133: Colo-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
135: Coland-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
138B: Clarion-----	85	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50
				Slope	0.33
138C: Clarion-----	100	Not limited restricted permeability	0.25	Very limited Slope	1.00
				Seepage	0.50
138C2: Clarion-----	85	Not limited restricted permeability	0.25	Very limited Slope	1.00
				Seepage	0.50
138D: Clarion-----	95	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
138D2: Clarion-----	85	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
221: Palms-----	100	Very limited Depth to saturated zone Subsidence Restricted permeability	1.00 1.00 0.37	Very limited Depth to saturated zone Content of organic matter Seepage	1.00 1.00 0.32
224: Linder-----	95	Very limited Filtering capacity Depth to saturated zone	1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
236B: Lester-----	100	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage	0.50
				Slope	0.33
236C: Lester-----	100	Somewhat limited restricted permeability	0.35	Very limited Slope	1.00
				Seepage	0.50
236D: Lester-----	90	Somewhat limited Slope restricted permeability	0.63 0.35	Very limited Slope Seepage	1.00 0.50
236F: Lester-----	95	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
236G: Lester-----	95	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
259: Biscay-----	95	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
354: Histosols-----	100	Very limited Depth to saturated zone	1.00	Very limited Not Rated (miscellaneous unit)	1.00
		Not Rated (miscellaneous unit)	1.00	Content of organic matter	1.00
				Depth to saturated zone	1.00
384: Collinwood-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.96		
390: Waldorf-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.96	Seepage	0.18
485: Spillville-----	95	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		restricted permeability	0.25	Depth to saturated zone	0.71
485B: Spillville-----	95	Very limited Depth to saturated zone	1.00	Very limited Seepage	1.00
		restricted permeability	0.25	Depth to saturated zone	0.71
				Slope	0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
507: Canisteo-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
508: Calcousta-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
511: Blue Earth-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
511B: Blue Earth-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone Slope	1.00 0.09
524: Linder-----	95	Very limited Filtering capacity Depth to saturated zone	1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 1.00
559: Talcot-----	100	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
585B: Coland-----	60	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage Slope	1.00 1.00 1.00 1.00 0.33
Spillville-----	40	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Seepage Depth to saturated zone Slope	1.00 0.71 0.33
638B: Clarion-----	50	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33
Storden-----	45	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33
638C2: Clarion-----	50	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
Storden-----	40	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
638D2: Clarion-----	50	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Storden-----	40	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
638E2: Clarion-----	60	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
Storden-----	30	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
639D2: Storden-----	60	Not limited restricted permeability Slope	0.25 0.16	Very limited Slope Seepage	1.00 0.50
Salida-----	35	Very limited Filtering capacity Slope	1.00 0.16	Very limited Seepage Slope	1.00 1.00
655: Crippin-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.01
707: Delft-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 0.37	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.01

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733: Calco-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
787B: Vinje-----	100	Somewhat limited Restricted permeability	0.91	Somewhat limited Seepage Slope	0.50 0.33
811: Muskego-----	100	Very limited Depth to saturated zone Subsidence Restricted permeability	1.00 1.00 0.99	Very limited Depth to saturated zone Seepage Content of organic matter	1.00 1.00 1.00
823: Ridgeport-----	95	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.01
828B: Zenor-----	90	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.33
828C2: Zenor-----	85	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 1.00
879: Fostoria-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
956: Okoboji-----	60	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone Seepage	1.00 0.50
Harps-----	35	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
1133: Colo-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
1458: Millington-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
1585: Coland-----	60	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00
Spillville-----	30	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 0.71

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1707B: Delft-----	60	Very limited Depth to saturated zone Restricted permeability	1.00 0.37	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.09
Terril-----	30	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.33
5010: Pits-----	100	Not rated		Not rated	
5040: Orthents-----	100	Not rated		Not rated	
5043: Orthents-----	100	Not rated		Not rated	
W: Water-----	100	Not rated		Not rated	